

## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Vignia 22313-1450 www.uspto.gov

## \*BIBDATASHEET\*

**CONFIRMATION NO. 7224** 

Bib Data Sheet						:
SERIAL NUMBER 10/613,877	FILING DATE 07/03/2003 CLASS GROUP ART 375 2634		r UNIT	ATTORNEY DOCKET NO. PD-203021		
	NOLL			- "		<u> </u>
APPLICANTS						:
Mustafa Eroz, Germantown, MD;						: :
Feng-Wen Sun, Germantown, MD; Lin-Nan Lee, Potomac, MD;						
** CONTINUING DATA **********************************						:
This appln claims benefit of 60/393,457 07/03/2002 and claims benefit of 60/398,760 07/26/2002 and claims benefit of 60/403,812 08/15/2002 and claims benefit of 60/421,505 10/25/2002 and claims benefit of 60/421,999 10/29/2002 and claims benefit of 60/423,710 11/04/2002 and claims benefit of 60/440,199 01/15/2003 and claims benefit of 60/447,641 02/14/2003 and claims benefit of 60/456,220 03/20/2003						
						:
** FOREIGN APPLICATIONS ************************************						
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 09/29/2003						
Foreign Priority claimed 35 USC 119 (a-d) conditions	yes no Met after Allowance	er	STATE OR	SHEETS	TOTAL	INDEPENDENT
met Verified and Acknowledged Exa		 tials	COUNTRY MD	DRAWING 23	CLAIMS 26	CLAIMS 3
ADDRESS Hughes Electronics Co Patent Docket Adminis Bldg. 1, Mail Stop A10 P.O. Box 956 El Segundo, CA 90245-0956	stration					
TITLE Bit labeling for amplitu	de phase shift constella	ation use	d with low den	sity parity ched	ck (LDPC) c	odes